

ABSTRACT

A digital information security system is disclosed. A user application tool installed in a user terminal, creates a unique user key using unique system information of the user terminal. A data storage unit stores user information and digital information. A user management tool installed in a server, receives the unique user key created by the user application tool, stores the received unique user key in the data storage unit as part of the user information, and compares, during user authentication, the stored unique user key with a unique user key provided from the user application tool of a user currently being subjected to authentication.